

Nº 24,410

A.D. 1913



*Date of Application, 3rd Apr., 1914
(Patent of Addition to No. 14,716, 12th Apr., 1913)
Complete Specification Accepted, 24th June, 1915*

COMPLETE SPECIFICATION.

Double Spectacles.

I, WILHELM GOLDSCHMIDT, of 126, Potzleinsdorferstrasse, Vienna XVIII, in the Empire of Austria, Manufacturer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 In Patent No. 14,716/13 I have described spectacles with two pairs of lenses in series in which convex lenses are provided on the eye side and concave lenses on the object side which lenses were adjustable as to their relative distance to change the diminution.

Now this adjustability has the disadvantage that it requires more or less 10 cumbersome mechanism which renders the double spectacles expensive and increases their weight; moreover the adjustability is not to be recommended from an optical standpoint. It is clear that such an instrument will suit the eyes better, the less it strains their power of accommodation. Now this need of accommodation can be reduced to a minimum in all cases when the system 15 of convex and concave lenses forms a telescopic system in which therefore the front focus of the concave lens coincides with the back focus of the convex lens so that rays of light which are parallel to one another and to the axis of the lenses can fall on the concave lens placed at the object side and emerge from the convex lens on the eye side in such manner as to be still parallel. If these 20 lenses thus form a telescopic system, the desired diminution can be attained to any required degree by suitably choosing the strength of the lens without straining the eyes of the observer.

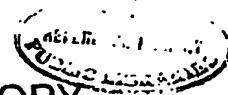
The arrangement therefore consists in arranging the two pairs of lenses in series in fixed position in such manner that the concave and convex lenses 25 together form a telescopic system.

The constructive form of the spectacles can be obviously varied considerably and the double spectacles may be made so as to be capable of being taken apart or folded together but it is essential that the two pairs of lenses, shall be constrained to assume the required relative position when they are in actual 30 use.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

35 Spectacles for viewing kinematographic pictures at a small distance, according to Patent 14,716/13, in which a pair of concave lenses on the object side and a pair of convex lenses on the eye side are arranged in a fixed position relative to

[Price 6d.]



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Double Spectacles.

one another at such a distance as to form a telescopic system, substantially as described.

Dated this 27th day of October, 1914.

W. P. THOMPSON & Co.,
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Bradford and London,
Agents for the Applicant.

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